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NOTICE OF ALLOWANCE AND FEE(S) DUE

23599

7590

10/29/2010

MILLEN, WHITE, ZELANO & BRANIGAN, P.C. 2200 CLARENDON BLVD.
SUITE 1400
ARLINGTON, VA 22201

EXAMINER

LOEWE, SUN JAE Y

ART UNIT PAPER NUMBER

1626

DATE MAILED: 10/29/2010

APPLICATION NO.	FILING DATE			CONFIRMATION NO.	
10/551,557	10/03/2005	Christos Tsaklakidis	MERCK-2723	3824	

TITLE OF INVENTION: CARBONYL COMPOUNDS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	01/31/2011

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where ar in m

ppropriate. All further adicated unless correcte aintenance fee notifica	correspondence including below or directed oth tions.	g the Patent, advance or terwise in Block 1, by (a	rders and notification a) specifying a new co	of m	naintenance fees w pondence address;	rill be and/or	mailed to the current r (b) indicating a sepa	correspon rate "FEF	dence address as ADDRESS" for
CURRENT CORRESPOND	ENCE ADDRESS (Note: Use Blo		Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, mus have its own certificate of mailing or transmission.						
23599	7590 10/29	/2010		nave			e of Mailing or Transı	niccion	
2200 CLARENI SUITE 1400	OON BLVD.	BRANIGAN, P.C.		I her State addre trans	eby certify that this es Postal Service we essed to the Mail	is Fee(ith suf Stop	s) Transmittal is being ficient postage for firs ISSUE FEE address 1) 273-2885, on the day	deposited t class ma above, or	I with the United til in an envelope being facsimile ted below.
ARLINGTON, V	VA 22201								(Depositor's name)
									(Signature)
									(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN		NTOR		ATTORNEY DOCKET NO.		RMATION NO.
10/551,557	10/03/2005	-	Christos Tsaklakid	lis		1	MERCK-2723		3824
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nonprovisional	NO	\$1510	\$300		\$ 0		\$1810		01/31/2011
EXAM	IINER	ART UNIT	CLASS-SUBCLASS	3					
LOEWE, S		1626	514-254010						
☐ "Fee Address" ind	nge of Correspondence	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.							
PLEASE NOTE: Unl	less an assignee is identi h in 37 CFR 3.11. Comp	A TO BE PRINTED ON T ffied below, no assignee eletion of this form is NO	data will appear on th	he pa g an a	tent. If an assigned			ocument h	nas been filed for
lease check the appropr	iate assignee category or	categories (will not be pr	inted on the patent):		Individual 🖵 Co	rporati	ion or other private gro	up entity	Government
	are submitted: To small entity discount p # of Copies	permitted)	A check is enclos Payment by credi The Director is he	ed. it card	d. Form PTO-2038	is atta	required fee(s), any de	iciency, c	
_ ` .	tus (from status indicated is SMALL ENTITY statu		☐ b. Applicant is no	lone	er claiming SMAI	L EN	FITY status. See 37 CF	R 1 27(g))(2)
OTE: The Issue Fee an	d Publication Fee (if requ	uired) will not be accepted tes Patent and Trademark	d from anyone other th						
Authorized Signature					Date				
Typed or printed name					Registration N	o			
his collection of inform n application. Confiden ibmitting the completed its form and/or suggesti ox 1450, Alexandria, V lexandria, Virginia 223	tiality is governed by 35 d application form to the ions for reducing this but irginia 22313-1450. DC	FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to the NOT SEND FEES OR (on is required to obtain 1.14. This collection i depending upon the i e Chief Information O COMPLETED FORM	n or re is esti indivi Office IS TC	etain a benefit by the mated to take 12 r idual case. Any co r, U.S. Patent and D'THIS ADDRESS	ne publ ninutes mment Traden . SENI	lic which is to file (and s to complete, includin ts on the amount of tir nark Office, U.S. Depa D TO: Commissioner f	by the Use gathering gathering records to the contract of the	SPTO to process) ag, preparing, and quire to complete Commerce, P.O. s, P.O. Box 1450,

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/551,557	10/03/2005	Christos Tsaklakidis	MERCK-2723	3824		
23599 75	590 10/29/2010		EXAMINER			
MILLEN, WHIT	E, ZELANO & BRA	LOEWE, SUN JAE Y				
2200 CLARENDON BLVD.			ART UNIT	PAPER NUMBER		
SUITE 1400 ARLINGTON, VA	22201		1626 DATE MAILED: 10/29/2010			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 720 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 720 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.

	Application No.	Applicant(s)		
	 10/551,557	TSAKLAKIDIS ET AL.		
Notice of Allowability	Examiner	Art Unit		
	SUN JAE Y. LOEWE	1626		
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIPLY of the Office or upon petition by the applicant. See 37 CFR 1.313 1. This communication is responsive to amendment filed 8-16	(OR REMAINS) CLOSED in or other appropriate commu IGHTS. This application is s and MPEP 1308.	this application. If not included nication will be mailed in due course. TI		
2. X The allowed claim(s) is/are <u>1,23,26,29,30,32,40,42-60,70</u> a	and 71.			
 Acknowledgment is made of a claim for foreign priority ur a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). 	been received. been received in Application	n No	he	
* Certified copies not received:				
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be subm	IENT of this application.			
INFORMAL PATENT APPLICATION (PTO-152) which give	es reason(s) why the oath or	declaration is deficient.		
5. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.			
(a) I including changes required by the Notice of Draftspers	on's Patent Drawing Review	(PTO-948) attached		
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date				
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date				
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t				
 DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT 				
Attachment(s)	5 Notice of Inf	annal Datant Application		
 Notice of References Cited (PTO-892) D Notice of Draftperson's Patent Drawing Review (PTO-948) 		ormal Patent Application ımmary (PTO-413),		
•	Paper No./I	Mail Date		
 Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date <u>8-16-2010</u> 	/. ∐ Examiner's .	Amendment/Comment		
 Examiner's Comment Regarding Requirement for Deposit of Biological Material 	8. ⊠ Examiner's : 9. □ Other	Statement of Reasons for Allowance		
	3. <u>G</u> 3. 101	•		

Application/Control Number: 10/551,557 Page 2

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DETAILED ACTION

Information Disclosure Statement

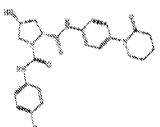
1. The information disclosure statement (IDS) submitted on August 16, 2010 and November 7, 2008 were in compliance with the provisions of 37 CFR 1.97 and 37 CFR 1.98. The IDS was considered. A signed copy of form 1449 is enclosed herewith.

Response to Arguments

2. The remarks filed on August 16, 2010 have been fully considered. The arguments are persuasive in overcoming the 35 USC 112 1st paragraph rejection which is hereby withdrawn. The 35 USC 112 1st paragraph rejection of claim 41 is obviated by the cancellation of this claim.

REASONS FOR ALLOWANCE

3. The following is an examiner's statement of reasons for allowance. The claimed compounds are novel and non-obvious over the prior art. The closest reference, eg.



, neither anticipates nor makes obvious the instant invention which requires the presence of a morpholine ring. Further, Applicant has clarified that stereoisomers as claimed do not encompass constitutional isomers therefore the claims are enabled.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably Application/Control Number: 10/551,557 Page 3

Art Unit: 1626

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SUN JAE Y. LOEWE whose telephone number is (571)272-9074. The examiner can normally be reached on M-F 7:30-5:00 Est.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph McKane can be reached on (571)272-0699. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Sun Jae Y. Loewe/ 10-21-2010